

1. An information system, comprising:
an optical signal unit constructed and positioned to capture signals associated with an eye;
a wireless communication unit; and
5 an output unit, interfaced with said wireless communication unit, constructed and arranged to provide information using a correlation unit constructed to find suitable relationship between said captured signals and additional data.
- 10 2. The information system of claim 1, further including an information unit constructed to provide said additional data, and wherein said correlation unit is constructed to determine a presentation relationship of said captured signals and said additional data.
- 15 3. The information system of claim 1, wherein said correlation unit is constructed to determine said presentation relationship between said captured signals and said additional data in terms of location of said additional data with respect of said captured data.
- 20 4. The information system of claim 1, wherein said correlation unit is constructed to determine said presentation relationship between said captured signals and said additional data in terms of presentation timing of said additional data with respect of said captured data.
- 25 5. The information system of claim 1, wherein said correlation unit is constructed to determine said presentation relationship between said captured signals and said additional data in terms of relative color display of said additional data with respect of said captured data.
- 30 6. An information system, comprising

an information unit;

a wireless communication unit; and

an output unit constructed and arranged to provide information, at least partially obtained via said communication unit, in cooperation with said information unit as a function of said captured signals, said output unit comprising a scanning projection device constructed to project at least part of said information onto said retina.

9. An information system, comprising

an optical signal unit constructed and positioned to capture signals reflected back from at least one eye without reaching the retina;

an information unit;

a wireless communication unit; and

an output unit constructed and arranged to provide information, at least partially obtained via said communication unit in cooperation with said information unit as a function of said captured signals, said output unit comprising a scanning projection device constructed and arranged to project at least part of said information onto said retina.

10. The information system of claim 9 comprising a spherical or spherical-acting reflection layer operably positionable at a location immediately anterior and substantially confocal to said eye, and wherein said optical signal unit is constructed to capture optical field-of-vision signals reflected off said spherical or spherical-acting reflection layer.

11. The information system of claim 9 comprising a field-of-view capturing unit constructed to capture visible light from a field of view associated with the retina without capturing a retinal reflex image thereof; and said output unit being suitable for providing said information in correlation with said captured visible light.

12. The information system of claim 9, wherein said function
encompasses a pattern recognition that yields at least one information key, and
said information keys serve for an information query based on said information
5 apparatus.

13. An information system, comprising
a signal input unit constructed and positioned to capture at least two types of
signals reflected back from at least one eye;
10 an information unit;
a wireless communication unit; and
an output unit constructed and arranged to providing information, at least
partially obtained and/or provided via said communication unit, in cooperation
with said information apparatus as a function of said captured signals, said
15 output unit comprising a scanning projection device constructed to project at
least part of said information onto the retina of said eye.

14. The information system of claims 13 comprising a spherical or
spherical-acting reflection layer operably positionable at a location immediately
20 anterior and substantially confocal to said eye, and wherein said signal unit is an
optical signal unit constructed to capture optical field-of-vision signals reflected
off said spherical or spherical-acting reflection layer.

15. The information system of claim 14 wherein said signal input unit
25 includes a field-of-view capturing unit constructed to capture visible light from a
field of view associated with the retina without capturing a retinal reflex image
thereof; and said output unit being suitable for providing said information in
correlation with said captured visible light.

16. The information system of claim 15, wherein said information unit comprises an evaluation module constructed to obtain image information with regard to said field of view from said captured visible light; and said projection device is constructed to project the image information onto the retina in correlation with said captured signals such that a naturally perceived field of view and projected image information are perceived as a unitary image by the retina.

17. The information system of claim 16 wherein said function encompasses a temporal correlation between said provision of information and said captured light.

18. The information system of claim 16 wherein said function encompasses a spatial correlation between said provision of information and said captured light.

19. The information system of claim 16 wherein said function encompasses a pattern recognition that yields at least one information key, and said information key serves for an information query based on said information apparatus.

20. A method of creating and providing information, comprising the acts of:

- capturing signals associated with an eye;
- enabling a wireless communication of data; and
- providing information by using said wireless communication and correlating said captured signals and additional data.